

Notes for B&W Meeting in Salt Lake City
Tuesday, July 16, 1991

1. B&W design for replacement burner made with 800H was presented and reviewed at meeting. This conceptual design was to address only mechanical problems of warped and constrained parts of the burner. Lengthy discussion took place. Material, temperature, testing, components, modeling.
2. IPSC related problems of the boiler and pulverizer.
3. IPSC briefly presented some recommendations of RJM. RJM will give a presentation of their recommendation for boiler fixes on July 30, 1991 at the GOB. B&W has been invited to attend.
4. Subject of Finite Element Analysis was introduced. Still a question whether it is necessary to use this tool for evaluating boiler problems. Elastic and Inelastic.
5. Coal quality in the early years of operation and the quality now. Heating value and softening temperature.
6. There was a difference in philosophy as how a boiler problem can be identified and fixed. (By testing or by finite element analysis)
7. It was noted that nozzle tip failures was not addressed by B&W in their conceptual design. Thermocouple study suggested.
8. IPSC expressed concern for safety - fires and possible explosions. Need procedure for purging lines and pulverizer.
9. IPSC commented that low ash fusion temperature leads to formation of eyebrows.
10. IPSC suggested adding stabilizers per RJM recommendation.
11. Air flow balancing capability brought up.
12. IPSC provided an extensive agenda.

BHF

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